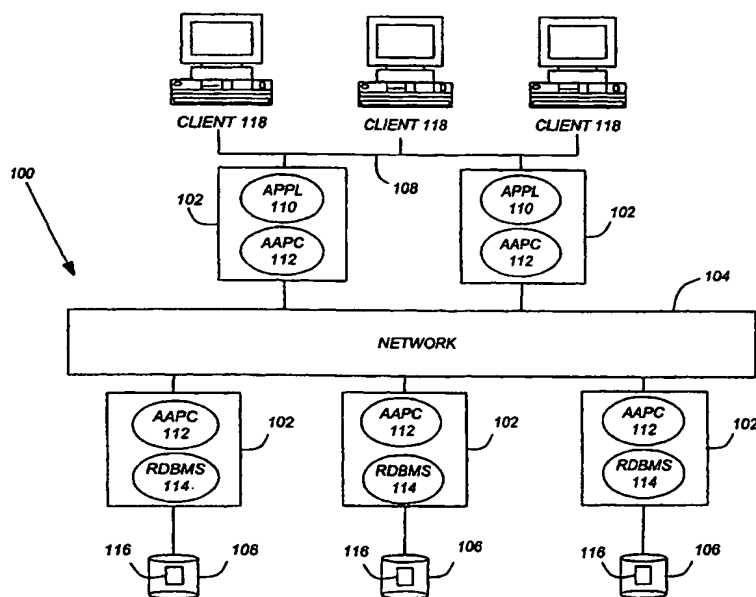




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06F 17/30		A1	(11) International Publication Number: WO 00/20997
			(43) International Publication Date: 13 April 2000 (13.04.00)
(21) International Application Number: PCT/US99/22995 (22) International Filing Date: 1 October 1999 (01.10.99) (30) Priority Data: 60/102,831 2 October 1998 (02.10.98) US (71) Applicant (for all designated States except US): NCR CORPORATION [US/US]; 101 W. Schantz Avenue, Dayton, OH 45479 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MILLER, Timothy, Edward [US/US]; 32668 Hupa Drive, Temecula, CA 92592 (US). TATE, Brian, Don [US/US]; 314 Skyridge Lane, Escondido, CA 92026 (US). HERMAN, Miriam, H. [US/US]; 4169 Pallon Court, San Diego, CA 92124 (US). BRYE, Todd, Michael [US/US]; 12387 Briardale Way, San Diego, CA 92128 (US). ROLLINS, Anthony, Lowell [US/US]; 12502 Pacato Circle South, San Diego, CA 92128 (US). (74) Agents: STOVER, James, M. et al.; NCR Corporation, 101 W. Schantz Avenue, Dayton, OH 45479 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	

(54) Title: DATA MINING ASSISTS IN A RELATIONAL DATABASE MANAGEMENT SYSTEM



(57) Abstract

A method, apparatus, and article of manufacture for performing data mining applications in a relational database management system (114). Scalable Data Mining Functions (202) are performed directly against a relational database (116) by executing queries dynamically generated by an application programming interface (204) according to requested parameters.